TECHNICAL SCHEDULE V
OPERATING DETAILS

(To be completed by the Bidder)

A) Power Consumption for STP and TSPS (Will be considered for Financial Bid Evaluation)

S.No	Item	Power Consumption	
		kWh/ Day	kWh/Month
A	**TSPS and STP**		
1	Kommagatta under V Valley, BDA Layout STP 10 MLD		
	Kommagatta under V Valley, BDA Layout TSPS 13 MLD		

Notes:

The Bidder shall substantiate Total Energy Consumption figure of the Plant by submission of Detailed Daily and Monthly Specific Energy Consumption Calculation.

The following factors / assumptions shall be considered by the Bidder in arriving at the Monthly Energy Consumption figures:

1) Plant is operated at average flow for 24 hours in a day for the entire month.
2) The Bidder shall consider 24 hours operation for Continuous Service Equipment as listed in Part11- Particular Mechanical Requirements of the Bid document.
3) The Bidder shall consider appropriate efficiency factor in arriving at working load of each equipment.
4) Number of days in month shall be based on 365days / 12months.

B) Chemical Dosing

S.No	Item	Chlorine Dose (mg/L)		Alum Dose (mg/L)		Polymer dose (kg/ton of dry solids)
		Average	Peak	Average	Peak	
1	Kommagatta under V Valley, BDA Layout STP 10 MLD					

Note:

S.No	Item	Chlorine Dose (mg/L)		Alum Dose (mg/L)		Polymer dose (kg/ton of dry solids)
		Average	Peak	Average	Peak	
* Any other chemical as needed shall be included by the Bidder in the list. ** Refer Part 5 for Minimum dosage of chemicals.						

C) Quantities of Chemical Consumptions (Will be considered for Financial Bid Evaluation)

S.No	Item	Alum		Chlorine		Polyelectrolyte	
		Kg/ Day	Kg/ Year	Kg/ Day	Kg/ Year	Kg/ Day	Kg/ Year
1	Kommagatta under V Valley, BDA Layout STP 10 MLD						
Note: Any other chemical as needed shall be included by the Bidder in the list.							